CUMULATIVE INDEX: VOLUME 8

SUBJECT INDEX

Acardius acephalus, in twin pregnancy, 251–253 pathologic-anatomic findings, 252–253 Acardius acormus, 251 Acardius amorphus, 251 Acardius anceps, 251 Acidosis, 155

Acquired immune deficiency syndrome (AIDS), 228

Active management of labor (AML) and cesarean section for dystocia in nulliparas, 373–378, 421 components, categories of, 378 progress in labor graph, 375 protocol, 374–375

Acute fatty liver of pregnancy (AFLP), 278-279

Acute gestational pyelonephritis, 222–

Acute respiratory distress syndrome (ARDS), 222

Alpha-fetoprotein (AFP) and cephalocele diagnosis, 148 levels

in amniotic fluid, 363 in maternal serum, 362-363 measurement of, 361 and renal dysfunction of fetus, 361-

363 Alphaprodine, 199

Amniocentesis

and congenital sepsis, 91 in evaluation of elevated maternal serum alpha-fetoprotein, 73-76 for prenatal karyotype, 255

Amniotic fluid

adequate volume, and external cephalic version with ruptured membranes, 220-221

alpha-fetoprotein levels in, 363 cytogenetic analysis, and evaluation of recent fetal death, 68-70

effect of filtration, on *C. trachomatis* and *E. coli*, 50-52 prolonged leakage, 193

prolonged leakage, 193 volume, and indomethacin therapy, 86–87

Ampicillin, for intra-amnionic infection, 338-341

Anaerobic coverage for intra-amnionic infection, 338–341 Analgesia versus sedation during Broviac catheter placement, 284– 287

Anemia, 200

Aneuploidy, pleural effusion in, 214– 215

Aneurysm of vein of Galen, prenatal diagnosis by pulsed Doppler unit, 244–246

Anomalies

and abnormal karyotypes, 255–258 cephalocele associated, 148 congenital. See Congenital anomalies fetal, nonlethal

categories and mean gestational age of, 256

management of prenatally detected, 255-258

fetal thoracoabdominal, and congenital heart disease, 411–416 Antenatal care. See Prenatal care

Antenatal care. See Prenatal care
Antepartum fetal surveillance,

improving efficiency of, 380 Antibiotic therapy, for intra-amnionic infection, 338–341

Antimalarials

and pregnancy outcomes, 176 for systemic lupus erythematosus, 174

Antimicrobial therapy, intrapartum, 338-341

Apnea, in premature infants, 170 Arterial oxygen saturation, and acute pyelonephritis, 222-226

Ascites, characterization of, at cesarean section, 99-102

Autoantibodies in black women with gestational diabetes mellitus, 103-105

Autoimmune thrombocytopenic purpura (ATP), maternal, 295– 296

Bacterial contamination of human milk, 25-27

'BB' Wistar rats, effect of pregnancy on glucose metabolism in, 11-14 Benzyl alcohol exposure, in kernicteric

infants, 80–85
Beta-sympathomimetics, for treatment
of preterm labor, 365–368

Bilateral renal agenesis, transvaginal sonography in diagnosis of, 395– 397

Biophysical profile (BPP), fetal death after, 94-96

Birth registration, national, 313 Birthweight discordance, errors in prediction of, 342

Blood flow effect of heat stress on, 385–389

placental, 179 Blood pressure response and fetal distress, 207

Blood velocity waveforms, 1-5 Bony defect, occipital region, and diagnosis of cephalocele, 147

Bradycardia, in premature infants, 170 Brain injury, hypoxic-ischemic, 247 Breech presentation, 220

Broviac catheter placement analgesia versus sedation during, 284-287

catecholamine responses to, 287 physiologic variables during, 286

Captopril, 77 Carbacyclin

analysis by gas chromatography-mass spectrometry, 180

effect on antipyrine clearance in placentas, 181 and placental blood flow, 179

and placental blood flow, 179
Cardiothoracic (CT) ratio, increased,
and intrauterine growth
retardation, 28–30

Catheters, venous, impact on packed red blood cells, 280–283

Cefoxitin, 193

Central nervous system malformations, 380

Cephalocele, prenatal diagnosis of, 144-149

Cervical ripening, and prostaglandin E₂, 128-130, 233

Cesarean births, classification of, 375 Cesarean section

ascites present at, 99-102 dystocia in nulliparas

effect of active management of labor, 373–378

epidural analgesia and, 402-409

repeat elective, 373
weight gain and, 23
Chest radiographs
pulmonary hypoplasia, 194
and surfactant treatment, 114–118
Chlamydia trachomatis infection, during
pregnancy, 50
Chloroquine, pregnancy outcome
following first trimester

exposure, 174–178 Chorioamnionitis, 91 Chorionicity, ultrasound prediction of,

Chorionicity, ultrasound prediction 343
Chromosome

Chromosome abnormalities in fetal death, 68 in omphalocele, 415 analysis, cephalocele diagnosis, 148 Cimetidine, 37 Cirrhosis, hepatitis B virus and, 227 Clindamycin, for intra-amnionic

infection, 338–341 Clostridial infection, as cause of fulminant congenital sepsis neonatorum, 370–372

Coagulopathy, 278
Colloid osmotic pressure, and acute pyelonephritis, 222–226
Congenital anomalies

as cause of mortality in neonatal intensive care unit, 164–169 clinical classification of, 164–165 detected at birth, 187 maternal hyperthermia during embryogenesis and, 185–189

and pleural effusion, 214–215 Congenital cystic adenomatoid malformation of the lung (CCAML), 41

(CCAML), 41
Congenital heart disease (CHD)
diagnosis of, 390–394
and fetal thoracoabdominal
anomalies, 411–416
and karotypes
in duodenal atresta, 414

in duodenal atresia, 414 in gastroschisis, 413 in omphalocele, 413 in posterior diaphragmatic hernia, 414

Congenital mesoblastic nephroma, hemorrhagic shock, disseminated intravascular coagulation and, 203–205

Congenital sepsis clinical data of infants with, 92 clostridial infection as cause of, 370– 372

nonstress test and, 91–93 Continuous positive airway pressure (CPAP), introduction of, 319–320 Contraction stress tests (CSTs), 304–

307 Cord blood gases and infection outcome, preterm premature

rupture of membranes, 155-160 Cord blood viscosity, and umbilical artery flow velocity waveforms, 239-242

Cranial meningocele, 144
Cranial meningomyelocele, 144
Craniodiaphyseal dysplasia (CDD),
management of two pregnancies
in woman with, 56–61

Cyclosporine concentration measurements by HPLC, 136-137 use of in pregnancy, 135–136 Cystic hygroma, 217–218 Cytogenetic analysis of fetal tissue, 68–70 importance of, 411–416

Death, fetal, after normal biophysical profile, 94–96 Development of Preimplantation Embryos and Their Environment (book

review), 72 Dexamethasone, and pulmonary hypoplasia in infants, 193–196 Diabetes

gestational. See Gestational diabetes mellitus

insulin-dependent. See Insulindependent diabetes mellitus maternal, effect on insulin receptor binding, 209–212

Diabetes Complicating Pregnancy: The Joslin Clinic Method (book review), 71

Diaphragmatic hernia, 413 central, with herniation of liver into pericardial sac, 356–358 congenital heart disease and

karyotypes in, 414 Doppler flow measurement of uterine and umbilical arteries in heat stress, 385-389

Doppler velocimetry umbilical artery, 263–267, 269–272 at level of nuchal cord, 383 uteroplacental, and glycemic control in diabetic pregnant women,

273-277 See also Flow velocity waveforms (FVWs)

Doxapram gastrointestinal absorption of, in neonates, 110–113 plasma concentrations, 111–112

Drugs antimalarials, 174, 176 during labor, effects on newborn,

315–316 preeclampsia management, 7 prostacyclins, 179–184

Ductus arteriosus shunting, grading of, 247–249 thrombosis of, and neonatal hypertension, 77–79 Duodenal atresia, 413–414

Dysplasia bronchopulmonary, 247 craniodiaphyseal, 56–61

Dysrhythmias, fetal, 390 Dysteria in nulliparas, cesarean section for

epidural analgesia and, 402-409 managing labor in, 373-378 and stage of labor, 408

Echocardiography, fetal. See Fetal echocardiography Electrocardiogram, during ritodrine therapy for preterm labor, 150—

Embryogenesis, maternal hyperthermia

during, 185
Encephalocele, 145
Encephalocystomeningocele, 145
Encephalopathy, 278
Endometritis, postpartum, and intra-

amnionic infection, 340

Enteric alimentation, and neonatal necrotizing enterocolitis, 62–66
Epidural analgesia and cesarean section for dystocia, 402–409
Escherichia coli, 50
Euglycemia, 106, 273
External cephalic version with ruptured membranes, 220–221
Extracardiac malformations (ECMs), and congenital heart disease,

Fatty liver of pregnancy, acute, and preeclampsia, 278–279 Fentanyl

411-416

and Broviac catheter placement, 284– 287

dose response in neonatal anesthesia, 287

Fetal biophysical assessment, abnormal, and cord blood gases, preterm premature rupture of membranes, 15–16

Fetal death after normal biophysical profile, 94–96

amniotic fluid cytogenetic analysis and, 68-70

Fetal echocardiography, 15-16, 390-394

abnormal, 392
false-negative and false positive
diagnosis, 393

indications and abnormalities, 391 Fetal habituation, to vibroacoustic stimulation, 380–382

Fetal heart rate (FHR) indications for antepartum testing, 305

patterns, 199 severe variable deceleration of, produced by vibratory acoustic stimulation, 345–346

sinusoidal, during labor, 197–201 Fetal karyotype 46XY r(4)(p15–q35), prenatal diagnosis, 53–55

Fetal scalp sampling, intrapartum, for platelet counts in autoimmune thrombocytopenic purpura, 295–296

Fetal ventriculomegaly, 18 Fetus(es)

aneuploid, pleural effusion in, 214– 215 intrathoracic lesions, 41–43

rare malformations, antenatal diagnosis of, 251–253 renal dysfunction of, 361–363 with ring chromosome, 53–55 Fibroepithelial polyps of vagina, in

pregnancy, 236–238 Flow velocity waveforms (FVWs) abnormal clinical and laboratory parameters

in, 274 preeclampsia associated with, 275– 276

fetal and uteroplacental, and placental grading, 47-49 high-risk pregnancies, 273

umbilical artery
and cord blood viscosity, 239–242
and fetal aorta, as predictors of
fetal outcome, 1–5

range-gated pulsed Doppler of, 269-272 46XY r(4)(p15-q35) karyotype, prenatal diagnosis and subsequent management of, 53-55

Fungus ball uropathy, in premature infant, 330–332

Gas chromatography-mass spectrometry, carbacyclin concentration analysis by, 180

Gas gangrene in newborns, 371 Gasping syndrome, in premature infants, 80

Gastroschisis, 413 counseling and care for, 323–329 fetal deaths, 324 postnatally diagnosed, 326 prenatally diagnosed, 325

Gentamicin, for intra-amnionic infection, 338–341

Gestational diabetes mellitus autoantibodies in black women with, 103–105

class of, and HLA prevalence, 107 Doppler flow velocity waveform analysis in pregnant women with, 273–277

histocompatibility antigen subtypes in black women with, 106–108 prevention of neonatal macrosomia in, 131–134

Gestational weight gain in morbidly obese women, effects of, 21--24 Glucose tolerance tests (GTT), 'BB'

Wistar rats, 11-14 Goldenhar syndrome, and lipoma of

the corpus callosum, 89–90 Grannum classification, 47 Granth discordance and chorionicity

Growth discordance and chorionicity, sonographic evaluation of, 342– 344

Heat stress, effect on uterine and umbilical artery blood flow, 385– 389

Hemorrhagic shock, 203 Hepatitis B vaccine in pregnancy, 227– 231

and pregnancy outcomes, 230 teratogenicity of, 228-231 types, 228

Hepatitis B virus, perinatal transmission, 227-228

Hepatocellular carcinoma, hepatitis B virus and, 227

Hepatorenal syndrome, 278
Hepatosplenomegaly
causes of in newborn, 46
fetal, in congenital anemia, 44–46
as only manifestation of serious
hematologic disorder, 44–46

Histocompatibility antigens, in black women with gestational diabetes mellitus, 106–108

H₂ receptor antagonists, pregnancy outcome after first trimester exposure to, 37–38

Hydralazine infusions hemodynamic parameters pre- and post-, 207

and severe pregnancy-induced hypertension, 206–208 Hydrops fetalis, 214 Hydroxychloroquine, 174 Hydroxyzine, 199

Hygroma, fetal cystic, 217–218 Hyperbilirubinemia, 200, 209 Hyperglycemia, 209 Hyperinsulinemia, 209 Hyperostotic bone dysplasias, 56–61 Hyperstimulation contraction stress tests, 304–307

Hypertension hypoxic pulmonary, 200–302 maternal

pregnancy complicated by, 180–181 prostaglandin E₂ use and, 233–235 neonatal, 203

and thrombosis of ductus arteriosus, 77–79

pregnancy-induced, 239 hydralazine infusion and, 206–208

Hyperthermia maternal complications, 186

as teratogen, 185–189 Hypocalcemia, 209 Hypoglycemia, neonatal, 209

Hypokalemia, ritodrine-induced, 150 Hypomagnesemia, 119

Hypothyroidism, congenital, 288 Hypothyroxinemia, transient, 290 Hypoxia, acute alveolar, 300–302

Ibuprofen and decreased antipyrine clearance, 181–182

and normal placentas, 181 and prostacyclin production, 179 Imaging cases (I & II), 354–358

Indomethacin and fetal urine output, 86–87 in treatment of polyhydramnios, 97–98

newborn, mechanical ventilation and secobarbital effect on, 35–36 perinatal complications, and

hyperthermia, 187 premature, mortality rate (1930– 1940), 317–318

primary cause of death under 1 year, 315

Informed consent, ultrasound evaluation and, 73 Insulin-dependent diabetes mellitus

(IDDM), 103, 106
Doppler flow velocity waveform

analysis in pregnant women with, 273-277 histocompatibility antigens and, 106-

107 placental study from pregnancies

complicated by, 181 Insulin receptor binding, effect of maternal diabetes on, 209–212

Intra-amnionic infection, anaerobic coverage for, 338–341

Intrathoracic fetal lesion, large, spontaneous regression of before birth, 41-43

Intrauterine growth retardation (IUGR), 1-5

increased cardiothoracic ratio and, 28-30

Intravenous immunoglobulin (IVIG) for flavobacterium-induced thrombocytopenia, 161-162

In vitro fertilization programs, 333 Islet cell antibodies (ICAs), in women with IDDM, 103

Juvenile-onset diabetes mellitus. See Insulin-dependent diabetes mellitus Karyotype(s) abnormal, 256–257 prenatal, 255

prenatal, 255 Kernicterus, in newborn, risk factors, 80-85

Labor, failed induction of, and sequential prostaglandin E₂ therapy, 128–130 Left-to-right shunting ductus

Left-to-right shunting ductus arteriosus, grading of, by nonimaging pulsed Doppler technique, 247–249 "Leontiasis ossea" (lion face), 60

"Leontiasis ossea" (lion face), 60 Lidocaine, and Broviac catheter placement, 284–287

Lipoma of the corpus callosum, in fetus with Goldenhar syndrome, sonographic diagnosis, 89–90

Liver dysfunction, hepatitis B virus and, 227

Liver transplantation with exacerbation of chronic graft rejection, twin pregnancy after,

135–138
postpartum, management of hepatic failure with, 278–279
Longitudinal data in premature

infants, study of, 170-173

Macrosomia, 209 neonatal, preventing, 131–134 Magnesium sulfate, preeclampsia management, 7

Maternal morbidity, in obese pregnancies, 21–24

Maternal serum alpha-fetoprotein (MSAFP)

elevated, amniocentesis and informed consent in evaluation of, 73–76 prediction of delivery in women with, 266

second trimester, and umbilical artery Doppler velocimetry, 263– 267

Meconium, 199 suctioning, 422

Megalencephaly, unilateral, in fetus and newborn infant, sonography of, 18–19

Meningitis, epidemic, of newborn, 162 Meperidine, 199 Methotrimeprazine, 199

Microcephaly, 185 Midwifery instruction, beginning of, 309

public acceptances of male midwives, 310

Monitoring home, blood glucose, 131–134 internal and external, duration of contraction activity, 419

invasive, for preeclampsia management, 7–10 uterine activity, 417–420

Morphine, 315 Motherisk Program (Toronto), 37

National Diabetes Data Group (NDDG), 131, 131–133 Necrotizing enterocolitis (NEC)

and neonatal alimentation practices, 62-66 oral medication usage, 64

Neonatal care, beginning of, 312

Neonatal injury, and shoulder dystocia recognition, 31-34

Neonatal intensive care unit (NICU) congenital anomalies as cause of mortality in, 164-169 kernicterus in, 80-85

ventilatory support and sedation

study, 35 Neonatal macrosomia, prevention of, in gestational diabetes, using intensive dietary therapy, 131-134

Neonatal mortality

congenital anomalies as cause of, 164-169

rates of United States (1916-1985), 314

ritodrine and nifedipine compared, 366-367

Neural tube defect (NTD), 73 and hyperthermia, 185

Newborn medicine review, in America, 308-321, 359

advanced care for newborn, 314-315 in ancient times, 308-309 infant mortality rate, 317-318 infant welfare movement, 311-314 maternal infections, 318 midwifery

instruction, beginning of, 309 transformation of, 310-311 monitoring newborns, 319 prenatal progress, 318-319

preventive pediatrics, 316-317 very low birthweight infants, 319-322

vital statistics, beginning of, 309-310 Nifedipine, and ritodrine compared for preterm labor, 365-368

Nonimmune hydrops fetalis (NIHF), and trisomy, 15, 39-40

Nonstress test (NST) and congenital sepsis, 91-93 evaluation by obstetric nurses, 139-143

Nuchal cord

quadruple, prenatal sonographic diagnosis, assessment and management of, 383-384

sonographic verification following vibratory acoustic stimulation, 345-346

Nuchal cystic hygroma, 217-218 Nulliparas, managing labor in, 373 Nurse evaluators, characteristics of, 140 Nurses' Association for Obstetric,

Gynecological and Neonatal Nurses (NAACOG), 139

Nursing mothers, and bacterial contamination of expressed milk, 25 - 27

Obesity, pregnancy risks, 21-24 Obstetric nurses, evaluation of nonstress test by, 139-143

Oligohydramnios, 396 indomethacin treatment and, 86-87,

Omphalitis, 370 Omphalocele, 412-413 congenital heart disease and karyotypes in, 413

Operative delivery for fetal distress (ODFD), 2

Ophthalmia, prevention of, by silver nitrate instillation, 311

Orthotopic liver transplantation, 135-Oxytocin, 373, 403

Packed cells, infusion of through venous catheters, 280-281 Patent ductus arteriosus (PDA), 247-249

Pediatricians, role of, 316-317 Percutaneous umbilical blood sampling (PUBS), 295-296

Perinatal care, recommendations for improving, 168

Periventricular hemorrhage, fetal, in Von Willebrand's disease, 190-192

Phenazopyridine hydrochloride, in diagnosis of premature rupture of membranes, 297-299

Placental grading, fetal and uteroplacental flow velocity waveforms and, 47-49

Placental perfusion, 180 Placentas from pregnancies complicated by maternal hypertension and smoking, 180-

complicated by maternal insulin-

dependent diabetes, 181 ibuprofen-treated, 181

Plasma fibronectin, and acute pyelonephritis, 222-226

Platlet changes, in hypoxic pulmonary hypertension, 300-302 Pleural effusion in aneuploidy, 214-215

Pneumograms in premature infants, 170-173

patient characteristics, 171 variables, per postconceptional age, 171

Polyerythrocythemia, 209 Polyhydramnios, 15-16 maternal, 203 treatment of, with indomethacin, 97-98

Polyps, fibroepithelial, of vagina in pregnancy, 236-238

Polysomnography, 170 Potter's syndrome, 153-154 Preeclampsia, 99, 278

clinical characteristics, 101 management, by perinatologists,

7 - 10severe, hydralazine infusion and, 206-208

Pregnancy(ies) antimalarial drugs and, 176 chloroquine use in, 174-178 diabetic, glycemic control in, 273-

effect of, on glucose metabolism, 11-14

magnesium levels in, 119-126 substances used during, 186 triplet, 333-337

triploid term, 398-400 tubal, and prostaglandin treatment,

twin, after liver transplantation, 135-137

Premature rupture of membranes (PROM), 119

abnormal biophysical assessment in, 155-160

phenazopyridine hydrochloride in diagnosis of, 297-299

Premature rupture of the membranes (PROM), prolonged, 91 Prenatal care, beginning of, 313

Preterm delivery

and abnormal maternal serum alphafetoprotein, 263-267 risk factors associated with racial

differences, 347-352 Preterm labor (PTL)

indomethacin treatment, 97-98 nifedipine and ritodrine compared for, 365-368

serum magnesium levels in, 119-126 Propiomazine, 199

Prostacyclins, and placental blood flow, 179-184

Prostaglandin E2 and induction of labor, 128-130 intravaginal, and cardiovascular changes in hypertensive pregnancies, 233–235

Prostaglandin, risks in treatment of tubal pregnancy, 423 Pseudothalidomide syndrome, 259-262

Pulmonary hypoplasia, 259 dexamethasone and, 193–196 lethal, 395

Pulsed Doppler, range-gated, of umbilical artery in human fetuses, 269-272

Pyelonephritis, acute, 222-226 presenting signs and symptoms, 224 Pyruvate kinase deficiency anemia, 44-46

Racial differences in preterm deliveries, risk factors, 347-352

Radiographs of chest, and surfactant treatment, 114-118 Ranitidine, 37

Red blood cell enzyme studies, and pyruvate kinase activity, 45 Renal candidiasis, 330

Renal dysfunction of fetus, alphafetoprotein and, 361-363

Respiratory distress syndrome (RDS), 114, 247 Reviews in Perinatal Medicine Volume 6

(book review), 72 Rheology, cord blood measurements, 240-241

Rheumatoid arthritis (RA), 174 Ring chromosome, 4, 53 Ritodrine for preterm labor

and nifedipine compared, 365-368 type 1 seconddegree av block during, 150-151

Roberts-SC phocomelia syndrome, and pulmonary hypoplasia, prenatal sonographic findings, 259-262

Sarcoma botryoides, 236 Sauna, effect on pregnancy, 385 Scalp sampling, intrapartum, 295-296 Scopolamine, 315 Secobarbital and Broviac catheter placement, 284-

prolonged sedation, in newborn infants receiving ventilatory support, 35-36

Septicemia, gram-negative, 161 Serum magnesium levels in pregnancy and preterm labor, 119–126 Shoulder dystocia (SD)

labor and delivery variables, 33

neonatal variables, 33 recognition, and neonatal morbidity, 31-34

Sinusoidal heart rate (SHR) pattern during labor, 197–201 influence of drugs on, 198–199 length of time, 198

Smoking, pregnancies complicated by, 180–181

Society of Perinatal Obstetricians (SPO), 7–10

Staphylococcus aureus, 26 Sudden infant death syndrome (SIDS), 170

Surfactant treatment, radiographic findings associated with, 114–118 Systemic lupus erythematosus (SLE), 174

Tachycardia, ritodrine-induced, 150 Teratoma of newborn, 354–355 Tetralogy of Fallot with absent pulmonary valve, prenatal diagnosis of, 15–16

Thalidomide, 261
Thrombocytopenia, flavobacteriuminduced, intravenous
immunoglobulin for, 161–162

immunoglobulin for, 161–162 Thrombosis of ductus arteriosus, hypertension and, 77–79 Thyroxine, low free, effect of on premature infants, 288–290 Tocodynamometry, external versus internal, 417–420 Transvaginal sonography, in diagnosis of bilateral renal agenesis, 395– 397

Triplet pregnancies management of, 333–337 perinatal mortality according to birth order, 335

Triploid term pregnancy, ultrasound and genetic features of, 398–400 Trisomy 15, and nonimmune hydrops, 39–40

Tumor, polypoid, of vagina, 236 Twilight Sleep, 315

Twin gestations, sonographic evaluation of growth discordance and chorionicity, 342–344

Ultrasound

antenatal, 251–253 fetal structural defects, 255–258 Roberts-SC phocomelia syndrome, 259–262

detection for discordance, 342-344 Doppler

continuous-wave, 385 and ductus arteriosus grading, 247-249 identifying fetal and neonatal

problems, 269–272 findings and gestational age compared, 398–399

realtime, 380 and term triploid pregnancy, 398– 400 Umbilical artery
Doppler velocimetry
applications and limitations, 293
and second trimester MSAFP, 267–
268

and fetal descending aorta blood flow classes and fetal outcome, 3

PI values and fetal outcome, 2–3 flow velocity waveforms and cord blood viscosity, 239–242 human fetuses, ranged-gated pulsed Doppler of, 269–272

Umbilical cord blood erythrocytes, insulin receptor binding characteristics on, 209–212

Urine output, fetal, indomethacin therapy and, 86–87 Uterine activity, internal and extern

Uterine activity, internal and external, monitoring of, 417–420

Vaginal polyps, 236–238
Vibratory acoustic stimulation
fetal habituation to, 380–382
and severe variable fetal heart rate
deceleration, 345–346
Vital statistics, beginning of, 309–310
Von Willebrand's disease, fetal
periventricular hemorrhage in,
190–192

Weight gain appropriate, in pregnancy, 21 pregnancy complications, 23

AUTHOR INDEX

Abramovici, D., 47 Abramowicz, Jacques S., 345, 383 Acton, Ronald T., 103, 106 Ahdab-Barmada, Mamdouha, 80 Aisenbrey, Gary, 7 Akramoff-Gershan, Lynne, 110 Albright, Susan G., 73 Alkalav, Arie L., 330 Allen, Robert, 31 Allen, Steven R., 278 Amankwah, Kofi S., 11, 131 Amit, Yair, 161 Amon, Erol, 278 Anday, Endla K., 170 Anderson, Diane M., 62 Ang, Matthew S., 402 Arad, Ilan D., 161 Aranda, Jacob V., 110 Azizkhan, Richard G., 323

Bairam, Aida, 110 Baker, David A., 214 Barger, Bruce O., 103, 106 Barth, Richard A., 114 Bawdon, Roger, 338 Becker, Steven G., 209 Beharry, Kae, 110 Behrens, Oliver, 251, 361 Belew, Joe E., 278 Bell, David S. H., 103, 106 Ben-Ami, Moshe, 269 Blazer, Shraga, 333 Blifeld, Cindy, 330 Block, Barry S., 50 Bofinger, Mary K., 398 Bovicelli, Luciano, 18 Bowes, Watson A., 94, 197 Boylan, Peter, 373 Bozynski, Mary Ellen A., 28, 280 Bracero, Luis A., 365 Brady, Kim, 68 Brandes, Joseph M., 333 Brown, David R., 80 Brown, Shirley, 25 Brumfield, Cynthia G., 255 Buchanan, Janie, 222 Buskila, Dan, 174

Callan, Nancy A., 15, 390 Calvin, Steve, 99 Campbell, Winston A., 155 Cano, Lorraine E., 295 Capitanio, Maria, 193 Catanzarite, Val, 7 Chescheir, Vancy C., 329 Chez, B 135 Chez, Re 3 Cifuente . 2 3 Colmorg n, , 97 Colvin, Edward V., 255 Copel, Josana A., 411 Cordero, Leandro, 284 Cosper, Paula, 255 Costakos, Dennis T., 354 Cottington, Eric, 347 Cotton, David B., 206 Creasy, Robert K., 297 Crombleholme, William R., 236 Cronin, Catherine M., 80

430 Cullen, Mark T., 411

Dallacasa, Paola, 18
David, Victor A., 220
Davis, Jonathan M., 170
Davis, Richard O., 255
Davis, Suzanne R., 380
Dax, Jody, 338
Degani, S., 47
Degenhardt, Friedrich, 251, 361
Delp, William T., 135
Desmond, Murdina M., 308
Dongen, Pieter Van, 190
Drexler, Brad, 220
Dubos, J. P., 77
Duff, Patrick, 68

Eardley, Sandra P., 131 Eckert, Lindo O., 402 Edwards, Robert C., 35 Egan, James F. X., 155 Egley, Charles C., 197 Ekblad, Henrik, 247 Erkkola, Risto, 385

Fairlie, Fiona M., 239 Fanaroff, Avroy A., 356 Farine, Dan, 91 Feick, Harriet J., 280 Finley, Paul, 99 Finley, Sara C., 255 Fleischer, Arthur, 89, 144 Fogel, Mark, 411 Foley, Michael R., 41 Foschi, Franco, 18 Fox, William W., 170 Frankowski, Ralph, 373

Gabreëls, Fons J. M., 190 Gallaher, Keith J., 370 Gardner, Debra K., 284 Gauderer, Michael W., 356 Geddes, Kitty M., 25 Gerson, Andrew, 97 Ghali, Fred E., 185 Ghidini, Alessandro, 44 Ghoreishi, Siavash, 153 Gilstrap, Larry C. III, 185, 338 Gladman, Dafna, 174 Go, Rodney C.P., 103, 106 Goetzman, Boyd, 300 Goldenberg, Robert L., 103, 106 Gonen, Ron, 91 Gonik, Bernard, 31, 297 Grant, Stanley S., 263 Green, James R Gremillet, C., 7 Griscom, N. Thone, 114 Grow, Daniel R., 135 Gudmundsson, Saemundur, 1

Hall, Judith C., 164
Hamner, Lewis H. III, 21
Hanafy, Fouad H., 28
Harlass, Frederick E., 68
Hauth, John C., 103, 106, 255
Hayakawa, Kunio, 244
Hearn, Bobbi, 383
Hearn-Stebbins, Bobbi, 345
Helm, Douglas A., 304
Hernandez, Ramiro J., 28
Hess, L. Wayne, 222
Hill, Lyndon M., 395

Hirsimäki, Hannu, 247 Hobbins, John C., 411 Hobbins, John S., 44 Hollyer, V. Leigh, 31 Horbar, Jeffrey D., 114 Hulsey, Thomas C., 25 Hurt, Hallam, 193

Iams, Jay D., 41 Isada, Nelson B., 21 Ismail, Mahmoud A., 50

Jakobi, Peter, 333 Jeanty, Philippe, 89, 144, 217 Johnston, Dennis A., 402 Johnston, Walter, 185 Jones, Albert P., 383 Jones, Norman E., 354

Kacet, N., 77 Kan, Jean S., 15, 390 Kaneko, Masatoki, 244 Karaiskakis, Peter T., 128 Karna, Padmani, 288 Katz, Vern L., 73, 94 Kaufmann, Robert C., 11, 131 Keegan, Kirk A., 304 Kero, Pentti, 247 Khosho, Francis K., 11 Kirshenbaum, Nancy, 365 Kirshon, Brian, 86, 206 Kleinman, Charles S., 411 Kliegman, Robert M., 62 Klionsky, Nina, 259 Knoll, Kraig A., 185 Kofinas, Alexander D., 273 Komaiko, Mitchell S., 330 Koren, Gideon, 37, 174, 227 Korvenranta, Heikki, 247 Kuhn, Douglas C., 179 Kuller, Jeffrey A., 39 Kurzel, Richard B., 119

Lacey, Stuart R., 323 Laifer, Steven A., 39 Lang, Gordon D., 239 Laudignon, Nicole, 110 Leikin, Enid, 365 Lequien, P., 77 Levy, Maurice, 174, 227 Lewinsky, R., 47 Lincoln-Boyea, Beth, 73 Ling, Emily W., 164 Lingley, Lauren H., 73 Liss, Jonathan, 135 Little, Bertis B., 185, 338 Lowe, Gordon G., 239 Lucey, Jerold F., 114 Luna, Sandra, 217

Maberry, Marck C., 338 McGravey, Vincent J., 153 Maggio, Mimi, 390 Mari, Giancarlo, 86 Marks, Keith H., 370 Maršál, Karel, 1 Martin, James N., Jr., 222 Martin, Rick W., 222 Maynard, Christine, 97 Metlay, Leon A., 53 Meyer, Bruce A., 297 Milligan, John E., 91 Mintz, Sally, 25 Miyakawa, Isao, 244 Moawad, Atef H., 50 Moise, Kenneth J., Jr., 86, 295 Monheit, Alan G., 214 Morgan, Mark A., 56 Mori, Norimasa, 244 Morisot, C., 77 Morrison, Stuart C., 356 Mühlhaus, Konrad, 251, 361 Mullaart, Reinier A., 190

Nahata, Milap C., 35 Nawrocki, Mark N., 150 Nelson, Robert M., 380 Newman, Lawrence A., 220

Ohba, Ken-ichi, 244 Ohlsson, Arne, 91 Oloya, Richard O., 280 Oostrom, Cor van, 190 O'Shaughnessy, Richard, 284

Paldi, Eitan, 333 Paltieli, Y., 47 Papageorgiou, Apostolos, 110 Parisi, Valerie M., 402 Parrish, Kyoko, 373 Patton, David E., 295 Paul, Michael J., 417 Peaceman, Alan M., 402 Pearl, Michael L., 236 Peleg, Ofra, 161 Peltner, Hans Ulrich, 361 Penry, Mary, 273 Perkins, Laura L., 103, 106 Petrie, Roy H., 278 Petrikovsky, Boris M., 155, 214 Pilu, Gianluigi, 18 Pinette, Michael G., 155 Pirhonen, Jouko, 385 Pittard, William B. III, 25 Porto, Manuel, 304

Quirk, Gerald, 7

Ramadei, Cynthia, 233 Katner, Robert E., 21 Rayburn, William F., 128, 233, 380 Reid, Steven, 68 Reiss, Rosemary E., 293 Remy-Jardin, M., 77 Rennert, Owen M., 56 Ridgway, Louis E. III, 222 Rigg, Lee A., 209 Rightmire, Daniel A., 131 Rivello, Dawn, 395 Roberts, Nancy, 97 Rodis, John F., 155 Romero, Roberto, 44 Roseman, Jeffrey M., 103, 106 Rountree, Randolph, 373

Saldana, Luis R., 398 Salti, George I., 50 Salvador, Agnes, 193 Salvioli, Gian Paolo, 18 Sandri, Fabrizio, 18 Saraste, Markku, 247 Schaefer, G. Bradley, 56 Schulman, Marjorie, 359 Seeds, John W., 73, 323, 342 Segall, Michael, 300 Selwyn, Beatrice, 373 Seppänen, Asko, 385 Shah, Dinesh, 144 Shah, Yogesh G., 53, 259 Sharf, M., 47 Sherer, David M., 53, 150, 259, 345, 383 Shmoys, Susan M., 214 Silva, Marta, 99 Simon, Nicolas V., 135 Simpson, William, 131 Singer, Raphael, 161 Singleton, James A., 131 Sirtori, Marina, 44 Sivakoff, Mark, 269 Skidmore, Margaret D., 356 Skurnick, Joan H., 135 Slate, William, 97 Smeltzer, James S., 417 Smith, Carl V., 128, 380 Smith, Kaighn, 97 Snell, Laura M., 185 Soll, Roger F., 114 Solomon, Lawrence, 44 Sonek, Jiri D., 41 Sosuan, Lourdes C., 164 Spitzer, Alan R., 170 Srugo, Isaac, 330 Starling, Sharon, 35 Stefano, John L., 170 Steger, Sandy, 390 Stein, Stuart A., 56 Strom, Robert L., 203 Stuart, Marie J., 179 Swain, Melissa, 273

Taeusch, H. William, 114
Teich, John, 131
Tejani, Nergesh, 365
Teteris, Nicholas J., 421
Thompson, Howard O., 150
Thorp, James A., 402
Thurnau, Gary R., 56
Tigges, Stefan, 217
Tucker, J. Martin, 103, 106

Ulm, Janet, 144 Urowitz, Murray B., 174

Vähä-Eskeli, Kalevi, 385 Valea, Fidel A., 342 Vanichanan, Chotip J., 103, 106 Veille, Jean-Claude, 269 Verhulst, Steven, 11, 131 Vintzileos, Anthony M., 155 Virji, Saker K., 347

Wagner, Denise, 197 Walenga, Ronald W., 179 Walker, James J., 239 Wall, James F., 56 Wang, Nancy, 53 Wanne, Olli, 247 Wasserman, Sheldon A., 398 Wasserstrum, Nathan, 206 Watson, William J., 94, 323, 342 Wechter, Daniel J., 131 Weiner, Carl P., 263 Weinstein, Louis, 99 Weissman, Amir, 333 Whitworth, Neil S., 222 Williamson, Roger A., 263 Willis, Rita, 86 Winkler, Carey L., 103, 106 Witte, Marlys, 99 Woods, James R., Jr., 43, 150, 259, 345, Woods, Ralph E., 128, 233

Yamaguchi, Masatoshi, 244 Yarkoni, Shaul, 44 Yoffe, Nechemia, 333 Young, John, 131

Zach, Terence L., 203 Zaleski, Witold, 89, 144 Zemlickis, Donna M., 37 Zinzilieta, Michael, 131